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CENTRAL INTELLIGENCE AGENCY

REPORT NO.

INFORMATION REPORT

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COUNTRY Czechoslovakia

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SUBJECT Julius Fucik Branch of the Poldina Hut
Factory, Chomutov

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(LISTED BELOW)

25X1A

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SUPPLEMENT TO
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1. The Julius Fucik branch of the Poldina Hut Factory in Chomutov (N51/F02) employs about 3,500 workers, including some 700 women, and operates in three eight-hour shifts a day. The factory consists of the following departments:
 - a. The machine shop, which finishes rough castings manufactured in the foundry, screws and nuts (thread M-5 and M-12) of "anticoro" stainless steel in quantities of 10 - 14 two-hundred pound boxes a week, and various crane parts. Transmission shafts are made on order and are delivered to the Skoda Works, Pilsou.
 - b. The valve manufacturing department produces 12-16 mm. aircraft valves at the rate of 3,000 - 9,000 pounds a month and automobile valves 6-12 mm. in diameter at a rate of about 12,000 pounds a month. The latter type valve is made of a material called "Maxim Special" and is marked "AKX 2002".
 - c. The drawing department #1 manufactures steel rods 1 - 8 cm. in diameter and 2 - 3 m. long for gun barrels, as well as rods from 6 - 10 cm. in diameter and 4 m. long for guns of larger caliber. This department also manufactures hexagonal bars used in the mining industry. The monthly production of this department amounts to 15-20 carloads.
 - d. The drawing department #2 finishes turbine blades and rotor and stator blades for aircraft compressors and turbo-jets. The blades are delivered from Poldi Kladno and are drawn (hot or cold drawing) at the Chomutov factory, then polished and coated with a preservative. The individual blades are wrapped in wax paper and shipped exclusively to the USSR. The production capacity is about 20 carloads a month.
 - e. Drawing department #3 makes copper wire 0.5 - 1 cm. in diameter, brass wire 0.7 - 1.5 cm. in diameter and iron wire 0.5 - 2 cm. in diameter. The finest wire made is a .08 - 1.5 mm steel wire. From 8 - 10 carloads of wire a month are produced.

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CENTRAL INTELLIGENCE AGENCY

25X1A

-2-

f. The foundry turns out cast steel rollers at the rate of two to four a day, and cast steel plates about 2 m. x 2 m. and weighing about 4,000 pounds. It is believed that these plates are the type used for armor. About 8 - 10 plates are made per day, and the entire production is shipped to the USSR. Cast iron and cast steel housings for steam turbines are manufactured in the foundry, as well as cast steel cog wheels 15 - 40 cm. in diameter. Tank tracks in two widths, 15 cm. and 35 cm., parts for automatic stokers, ingot molds of cast iron and cylinder-shaped ingots are also produced in the foundry.

g. The "anticoro" department turns out stainless steel strips about 40 mm. wide and 3 - 4 mm. thick. These strips are rolled in wax paper and packed for shipping in cardboard boxes about 40x40x5 cm. Each roll weighs about 80 pounds.

2. The production departments are equipped as follows:

Machine shop (Encl. 1, fig. 4)	40 lathes 8 milling machines 5 planing machines 1 large drill 1 device for testing pressure 1 marking table (2 x 5 m.) 1 electric drop hammer (the machine shop has its own forge)
Drawing department #1 (Encl. 1, fig. 8)	30 drawing mills of various types 40 presses 6 hardening furnaces 4 small cranes
Steeping and annealing rooms for drawing depts. #1 & #3 (Encl. 1, fig. 9)	7 gas furnaces 4 electric furnaces 17 vats for soaking material 1 crane, lifting capacity 6,000 pounds
Drawing department #2 (Encl. 1, fig. 32)	6 cold-drawing mills for turbine blades 14 smaller hot drawing benches 8 preheating furnaces 5 presses 4 large machine shears 3 electric saws 4 machines for testing strength of turbine blades 5 scales
Steeping, annealing and hardening room for drawing dept. #2 (Encl. 1, fig. 31)	30 gas furnaces 10 electric furnaces 2 cranes, lifting capacity 6,000 pounds 3 small electric furnaces for surface hardening 12 soaking vats
Drawing department #3 (Encl. 1, fig. 7)	8 drawing mills "Kratos" type (German) 8 drawing mills "Herboln" type (Italian) 6 drawing mills "Poldi" type 50 drawing benches for fine wire 10 electric shears 2 cranes 14 blocks and tackles, lifting capacity 1,500 pounds each
"Anticoro" department (Encl. 1, fig. 31a)	1 drawing bench for the manufacture of stainless sheet metal

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CENTRAL INTELLIGENCE AGENCY

25X1A
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-3-

Foundry (Encl. 1, fig. 22)	2 large cranes, lifting capacity 20,000 pounds each 5 cranes, lifting capacity 6,000 - 10,000 pounds 3 electric furnaces 2 coke cupola furnaces 3 drying chambers 3 automatic forming presses 4 sanding devices for cleaning castings 1 large electric saw 3 electric welding sets 5 compressors 1 transformer
Power station (Encl. 1, fig. 16)	3 steam turbines 3 generators
Boiler house (Encl. 1, fig. 17)	5 large steam boilers
Gas works (Encl. 1, fig. 20)	4 producers (3 in operation) 2 compressors (each operates 12 hours at a time)

Two narrow-gauge steam locomotives and two Diesel locomotives service the factory in addition to four 3-5 ton trucks and one 3½ ton truck.

3. The factory suffers frequently from shortages of materials used in the manufacture of valves, and production is sometimes retarded when Poldi-Kladno fails to meet deliveries of semi-finished turbine blades. Waste materials are not thoroughly utilized, and a continuing effort is being made to economize in this respect. However, the requirements of the Five Year Plan were allegedly fulfilled at the rate of 127 percent in the last quarter of 1950 and the monthly plan in March 1951 was fulfilled at the rate of 11½ percent. The factory holds second place in the Czechoslovak socialistic competition.
4. Soviet engineers are employed in the factory to control production in various departments, but the overall control is by the Ministry of Industry in Prague. A partial list of factory personnel follows:

Factory Manager:	Ing. Krejci, age 40, an ardent Communist.
Deputy Manager:	Ing. Jelinek, age 38.
Production Chief:	Ing. Vychodil, age 50.
Chief of Machine Shop:	Ing. Tobias, age 45.
Chief of Foundry:	Ing. Stanek, age 31.
Chief of Drawing Department #1:	Ing. Stribrny, age 40.
Chief of Testing Room:	Ing. Mildorf, age 36.
Chief of Drawing Department #3:	Ing. Sekera, age 48.
Chief of Forge and Valve Production:	Ing. Holovsky, age 36.
Chief of Warehouse:	Novak, age 40.
Chairman, Factory Council:	Mirek Sima, age 30, an ardent Communist.
Chairman, KSC Organization:	Kriz, age 40, an ardent Communist.

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CENTRAL INTELLIGENCE AGENCY

25X1A

-4-

ROI Chairman: Soustek, age 41, an ardent Communist.

Security Referent and Commander of Factory Militia: Siblik, age 42, an ardent Communist.

StB Secret Observer: Viktor Bozman, age 27, an ardent Communist.

Attachments:

1. Situation Plan of Poldi Plant in Chomutov, with key
2. Sketches of various products of the Poldi Plant

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